



SPW

## AMENDMENT TRANSMITTAL LETTER

Docket No.  
31978-201641

Application No.  
10/809,688-Conf. #8599

Filing Date  
March 26, 2004

Examiner  
J. Tung

Art Unit  
1637

Applicant(s): Katsuhiko Yanagihara et al.

Invention: DETECTION OF NUCLEIC ACID SEQUENCE VARIATIONS USING PHAGE MU  
TRANSPOSE

### TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
<b>Total Claims</b>	36	- 36 =	0	x 50.00	0.00
<b>Independent Claims</b>	6	- 6 =	0	x 200.00	0.00
<b>Multiple Dependent Claims (check if applicable)</b> <input type="checkbox"/>					
<b>Other fee (please specify):</b>					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					0.00

Large Entity

Small Entity

No additional fee is required for this amendment.

Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.

A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge and credit Deposit Account No. 22-0261  
as described below. A fee transmittal is enclosed.

Credit any overpayment.

Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

Nancy Axelrod

Nancy J. Axelrod \_\_\_\_\_

Attorney/Agent Reg. No.: 44,014

Dated: December 19, 2006

VENABLE LLP  
P.O. Box 34385  
Washington, DC 20043-9998  
(202) 344-4000



Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2006

Applicant claims small entity status. See 37 CFR 1.27

<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\$)</b> <b>0.00</b>
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### Complete if Known

Application Number	10/809,688-Conf. #8599
Filing Date	March 26, 2004
First Named Inventor	Katsuhiko Yanagihara
Examiner Name	J. Tung
Art Unit	1637
Attorney Docket No.	31978-201641

### METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number 22-0261 Deposit Account Name: Venable LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17  Credit any overpayments

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

#### 2. EXCESS CLAIM FEES

##### Fee Description

Each claim over 20 (including Reissues)

<b>Small Entity</b>	
<b>Fee (\$)</b>	<b>Fee (\$)</b>

50 25

Each independent claim over 3 (including Reissues)

200 100

Multiple dependent claims

360 180

<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
36	- 56 = 0	× 50.00	= 0.00

<b>Multiple Dependent Claims</b>	
<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>

<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
6	- 9 = 0	× 200.00	= 0.00

HP = highest number of independent claims paid for, if greater than 3.

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
_____	- 100 = _____	/50 (round up to a whole number) × _____	= _____	_____

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

#### SUBMITTED BY

Signature	<u>Nancy J. Axelford</u>	Registration No. (Attorney/Agent)	44,014	Telephone	(202) 344-4000
Name (Print/Type)	Nancy J. Axelford	Date	December 19, 2006		



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Katsuhiko YANAGIHARA *et al.*

Application No.: 10/809,688

Filed: March 26, 2004

For: DETECTION OF NUCLEIC ACID  
SEQUENCE VARIATIONS USING  
PHAGE MU TRANSPOSAE

Confirmation No.: 8599

Art Unit: 1637

Examiner: Joyce TUNG

Atty. Docket No. 31978-201641

Customer No.:  
**45323**  
PATENT TRADEMARK OFFICE

**REPLY**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed on October 4, 2006, in the above-referenced application, please consider the remarks that follow:

**Listing of the Claims** begins on page 2 of this paper.

**Remarks** begin on page 9 of this paper